

**Work Order ID 69162**

Tuesday, May 03, 2011 1:37:16 PM



Page 1

Item ID: D4020-5

Accept



Setup Start



Revision ID:

Stop



Item Name: Mesh (350 Basket Long, Lid)

Start Date: 5/3/2011 Start Qty: 3.00

Required Date: 5/17/2011 Req'd Qty: 3.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date: 11-05-3

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr

Revision Nbr

D4020

A

100

0.00



FLOW WATER JET

Shear

Memo

0.00

Shear

1-Cut as per Dwg D4020

SAD 11-06-14

(3)

110

0.00



QC- Inspect part completeness to step on W/O

QC

Memo

0.00

Quality Control

Q6  
QPL

P/L 11-06-15

P10

120

0.00



Identify as per dwg &amp; Stock Location: MESH AREA


Packaging

Memo

0.00

Packaging

P/L 11-06-15

W/O: 69162		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
11.06.15	110	Change to QCB...	Pl	11.06.15	N/A	N/A	
			Pl	11.06.15			W/60615

Part No: D4620-5 PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 69162**

Tuesday, May 03, 2011 1:37:16 PM



Page 2

Item ID: D4020-5

Accept



Setup Start



Revision ID:

Stop



Item Name: Mesh (350 Basket Long, Lid)

Start Date: 5/3/2011 Start Qty: 3.00



Cust Item ID:

Required Date: 5/17/2011 Req'd Qty: 3.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/6/15

11-06-15  
(3)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

Tuesday, May 03, 2011 1:37:22 PM

Page 1  
T

Work Order ID: 69162



Parent Item: D4020-5



Parent Item Name: Mesh (350 Basket Long, Lid)

Start Date: 5/3/2011

Required Date: 5/17/2011

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP RevA: new issue DD 09.11.26 verified by:EC  
per dwg revA 10.03.15 verified by:EC  
IPP Rev:B as

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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M304EX0.75-16F		Purchased	No			100	sf	583.3016	14.386	45.42947			
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Expanded Metal Flat SS



SAD 11-06-14

Location	Loc Qty	Loc Code
WA	583.3016	
115012	114	
117197	182.3016	
117455	287	

ENDGRAP  
30.2863 + 2.000 = 32.2863

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

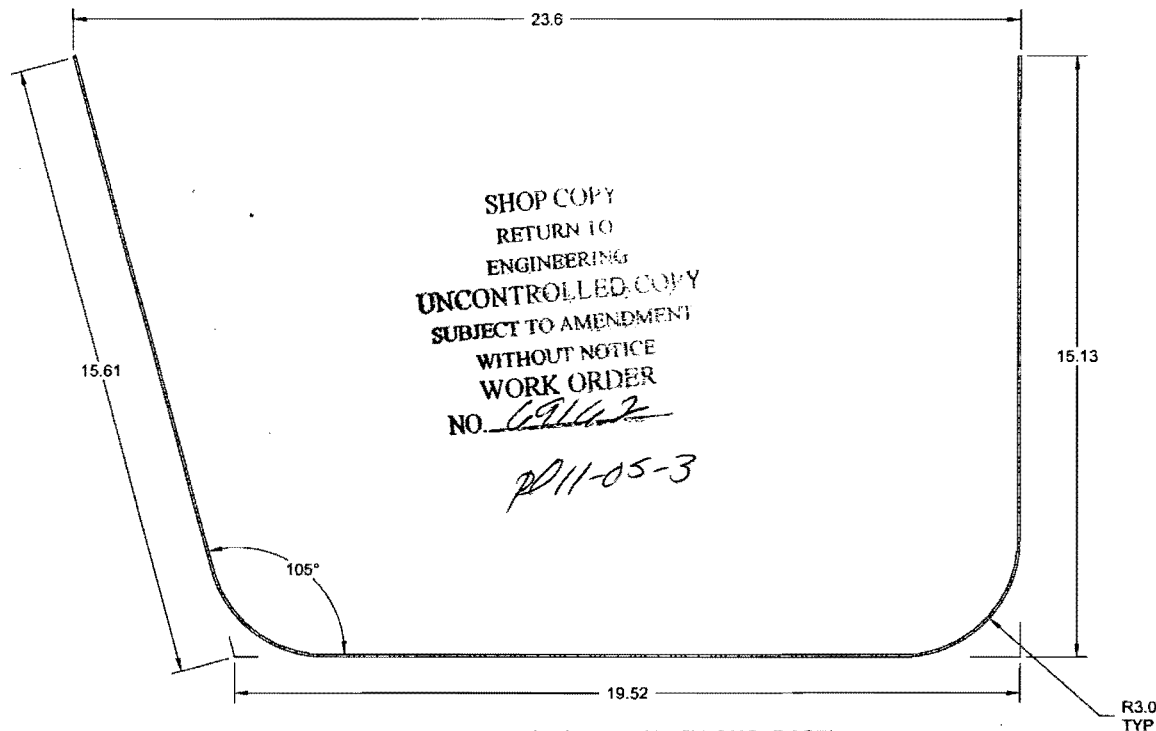
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

SHOP COPY  
 RETURN TO  
 ENGINEERING  
 UNCONTROLLED COPY  
 SUBJECT TO AMENDMENT  
 WITHOUT NOTICE  
 WORK ORDER  
 NO. 69142

*P11-05-3*



9) D4020-1 MESH (350 BASKET LONG, BASE)  
 (SEE D4020-1F FOR LENGTH)

9) D4020-3 (350 BASKET SHORT, BASE)  
 (SEE D4020-3F FOR LENGTH)

**RELEASED**  
 2010-03-12  
*AW*

**NOTES:**

- 1) MATERIAL-1: MAKE FROM D4020-1F  
 -3: MAKE FROM D4020-3F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: SEE D4020-1F & D4020-3F
- 8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS
- 9) PRE-FORMING OF MESH PER SHOP OPTION, THIS VIEW MAY BE USED FOR REF ONLY

A		NEW ISSUE		JPH	10.03.04
REV		DESCRIPTION		BY	DATE
DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		REV. A	
DRAWN	JPH				
CHECKED	<i>[Signature]</i>	DRAWING NO. <b>D4020</b>		SHEET 1 OF 4	
MFG. APPR.	<i>[Signature]</i>	TITLE		SCALE	
APPROVED	<i>[Signature]</i>	<b>350 BASKET MESH (BASE)</b>		NTS	
DE APPR.	<i>[Signature]</i>	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE LTD.			
DATE	10.03.04				

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

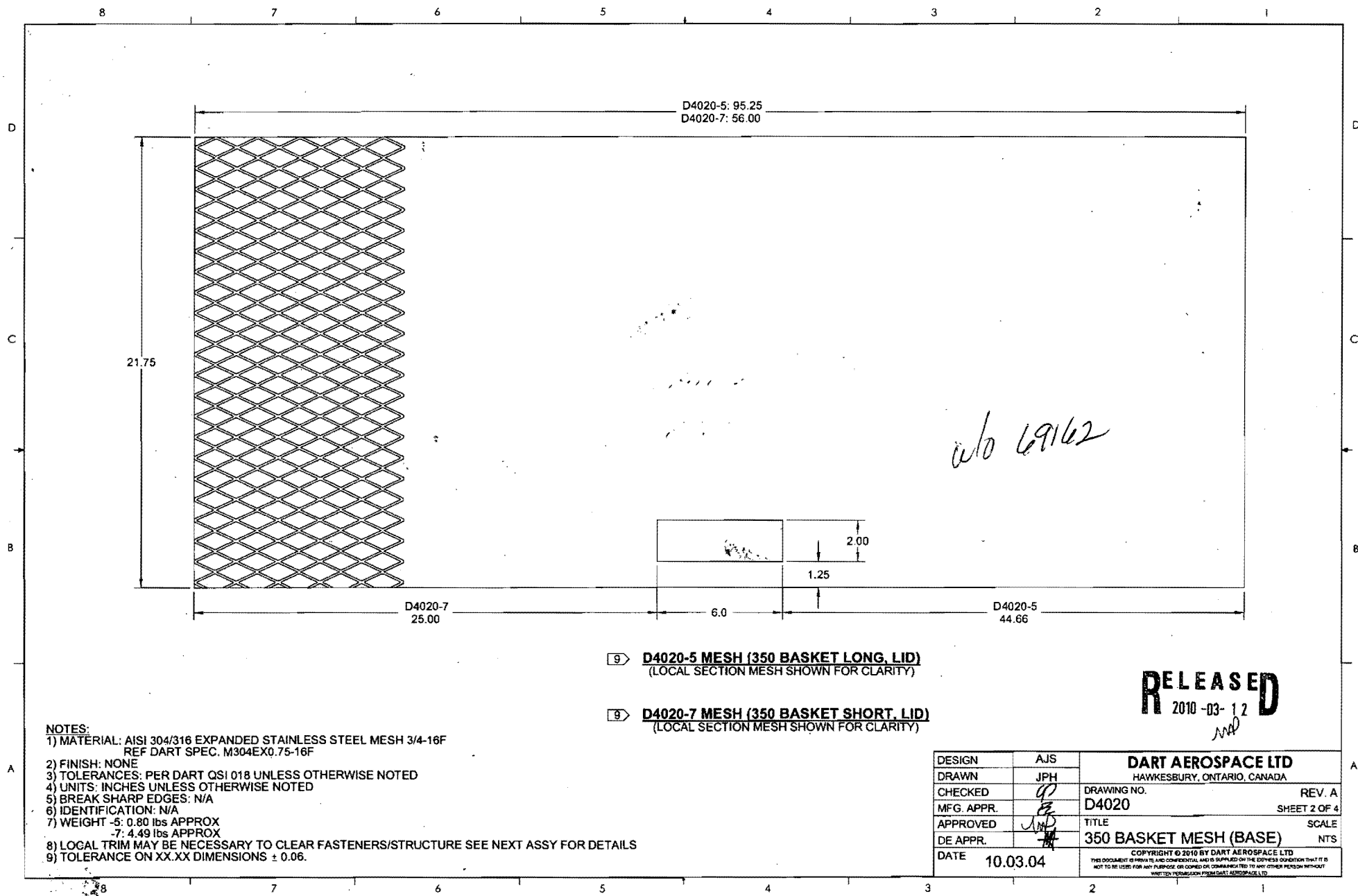
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries





9) **D4020-5 MESH (350 BASKET LONG, LID)**  
(LOCAL SECTION MESH SHOWN FOR CLARITY)

9) **D4020-7 MESH (350 BASKET SHORT, LID)**  
(LOCAL SECTION MESH SHOWN FOR CLARITY)

**NOTES:**

- 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F  
REF DART SPEC. M304EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT -5: 0.80 lbs APPROX  
-7: 4.49 lbs APPROX
- 8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS
- 9) TOLERANCE ON XX.XX DIMENSIONS  $\pm 0.06$ .

**RELEASED**  
2010-03-12  
NAD

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CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4020	SHEET 2 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	350 BASKET MESH (BASE)	NTS
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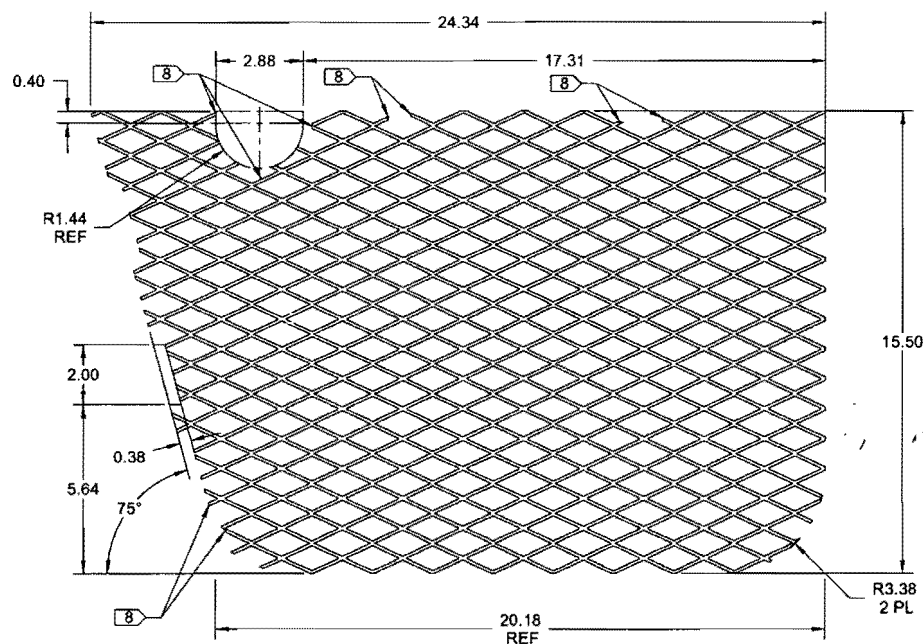
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



9) **D4020-11 END MESH, BASKET**

**NOTES:**

- 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F  
REF DART SPEC. M304EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.22 lbs
- 8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS
- 9) TOLERANCE ON XX.XX DIMENSIONS  $\pm 0.06$

**RELEASED**  
2010-03-12  
JMP

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MFG. APPR.	<i>[Signature]</i>	<b>D4020</b>	SHEET 3 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
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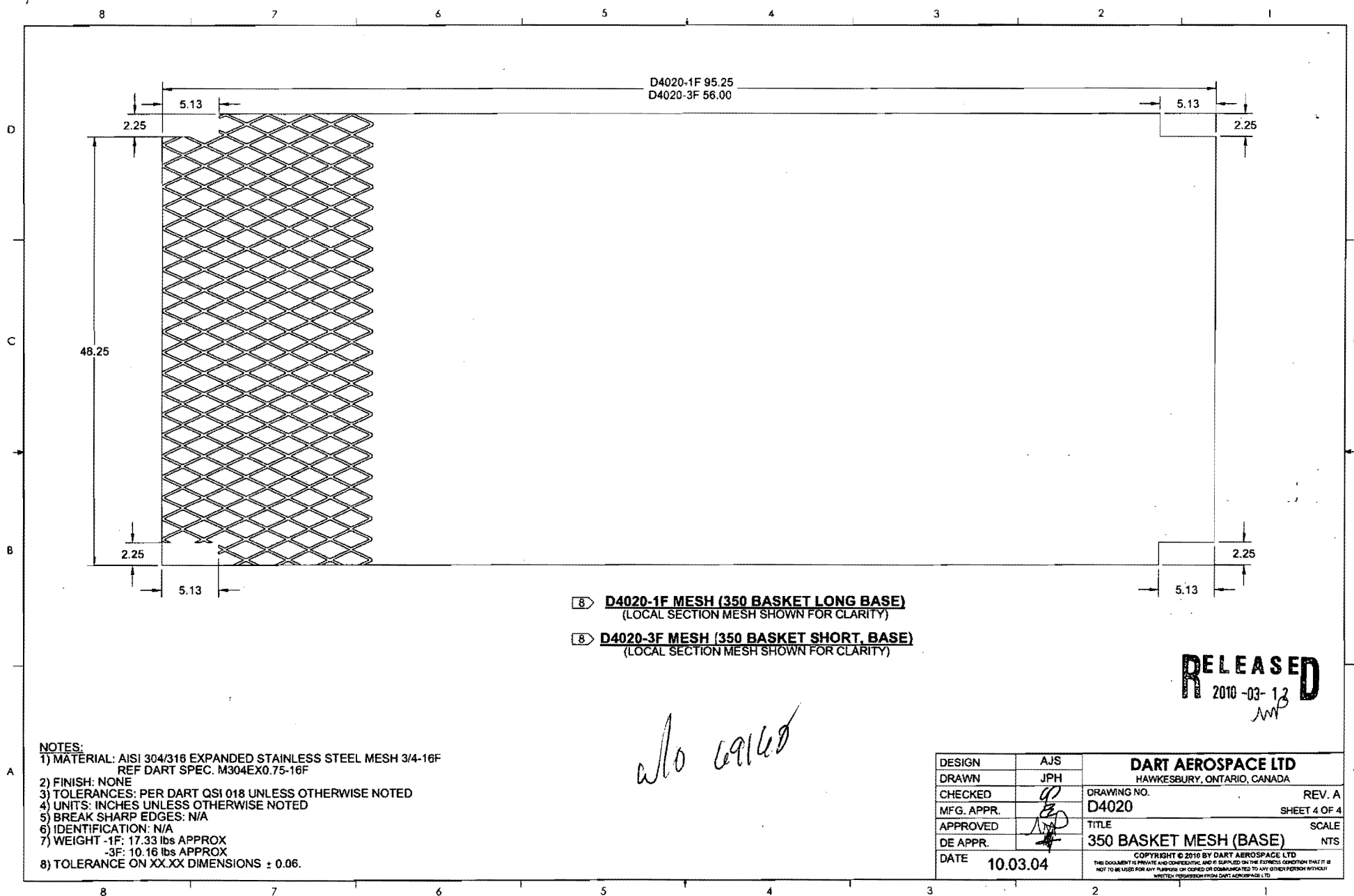
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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries



- 8 > **D4020-1F MESH (350 BASKET LONG BASE)**  
(LOCAL SECTION MESH SHOWN FOR CLARITY)
- 8 > **D4020-3F MESH (350 BASKET SHORT, BASE)**  
(LOCAL SECTION MESH SHOWN FOR CLARITY)

**RELEASED**  
2010-03-13  
WJP

NOTES:  
1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F  
REF DART SPEC. M304EX0.75-16F  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: N/A  
7) WEIGHT -1F: 17.33 lbs APPROX  
-3F: 10.16 lbs APPROX  
8) TOLERANCE ON XX.XX DIMENSIONS  $\pm 0.06$ .

*WJP 69168*

DESIGN	AJS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	<i>[Signature]</i>	DRAWING NO. <b>D4020</b>	REV. A
MFG. APPR.	<i>[Signature]</i>	SHEET 4 OF 4	
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>350 BASKET MESH (BASE)</b>	NTS
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